

FORM PTO-1390 (Modified)  
(REV 10-95)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

MUR-75

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/155708

INTERNATIONAL APPLICATION NO.  
PCT/GB97/00929INTERNATIONAL FILING DATE  
2 April 1997PRIORITY DATE CLAIMED  
2 April 1996

## TITLE OF INVENTION

GENETIC SUPPRESSION AND REPLACEMENT

## APPLICANT(S) FOR DO/EO/US

Gwenyth Jane Farrar, Peter Humphries, and Paul Francis Kenna

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 18 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.  
A **SECOND** or **SUBSEQUENT** preliminary amendment.
16. ☐ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☒ Certificate of Mailing by Express Mail
19. ☒ Other items or information:

## Combined Declaration and Power of Attorney (unexecuted)

Executed Verified Statement Claiming Small Entity Status - Nonprofit Organization

Verified Statement Claiming Small Entity Status - Independent Inventor (unexecuted) (for informational purposes)

Verified Statement Claiming Small Entity Status - Nonprofit Organization (unexecuted) (for informational purposes)

20. The following fees are submitted: <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a)-(1) - (5)) :</b>	<b>CALCULATIONS PTO USE ONLY</b>
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- |  |            |
|--|------------|
| <input checked="" type="checkbox"/> Search Report has been prepared by the EPO or JPO .....  | \$930.00   |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) .....  | \$720.00   |
| <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... | \$790.00   |
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....          | \$1,070.00 |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....       | \$98.00    |

<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>	\$930.00
Surcharge of \$130.00 for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492 (e)).	\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	11 - 20 =	0	x \$22.00	\$0.00
Independent claims	5 - 3 =	2	x \$82.00	\$164.00
				\$0.00

Multiple Dependent Claims (check if applicable).	\$1,094.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>	

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).	\$547.00
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<b>SUBTOTAL =</b>	\$547.00
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Surcharge of \$130.00 for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492 (f)).	\$0.00
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<b>TOTAL NATIONAL FEE =</b>	\$547.00
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Surcharge for filing the enclosed assignment (37 CFR 1.21(h)). The assignment must be filed by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).	\$0.00
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<b>TOTAL FEES ENCLOSED =</b>	\$547.00
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Amount to be refunded	\$
charged	\$

<input checked="" type="checkbox"/> Check in the amount of \$547.00 to cover the above fees is enclosed.	
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<input type="checkbox"/> I charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.	
--	--

<input type="checkbox"/> A duplicate copy of this sheet is enclosed.	
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<input checked="" type="checkbox"/> Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <b>18-0350</b> A duplicate copy of this sheet is enclosed.	
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NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Allan Ratner Ratner & Prestia Suite 301 One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980 (610) 407-0700	SIGNATURE _____ NAME Allan Ratner _____ 19,717 REGISTRATION NUMBER _____ October 2, 1998 DATE _____
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BEST AVAILABLE COPY

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Docket No.

MUR-7520

Applicant(s): Gwenyth Jane Farrar et al.

Serial No.  
(to be assigned)

Filing Date  
(herewith)

Examiner

Group Art Unit

Invention: GENETIC SUPPRESSION AND REPLACEMENT

U.S. National Phase of International Appli. Serial No. PCT/GB97/00929 filed 2 April 1997

I hereby certify that this U.S. National Phase Filing Transmittal PTO-1390 and related enclosures  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on  
October 2, 1998  
(Date)

Kathleen Libby

(Typed or Printed Name of Person Mailing Correspondence)

*Kathleen Libby*  
(Signature of Person Mailing Correspondence)

EM009003534US

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Note: Each paper must have its own certificate of mailing.